

102(e)
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TITLE: Anti-human medullasin monoclonal anti-body for sclerosis patients -
useful for diagnosing human medullasin in blood

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PRIORITY-DATA: 1997JP-0336303 (November 20, 1997), 1999CA-2281262 (August 31, 1999)

PATENT-FAMILY:

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CA 2281262 A1	February 28, 2001	E	000	C12P 021/08

APPLICATION-DATA:

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JP 11151085A	N/A	1997JP-0336303	November 20, 1997
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INT-CL (IPC): C07K016/40; C12N005/10 ; C12N005/12 ; C12N015/02 ;
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C12P021/08 ; C12R001:91

ABSTRACTED-PUB-NO: JP 11151085A

BASIC-ABSTRACT: NOVELTY - Anti-human medullasin monoclonal anti-body identifies

the human medullasin existing in granulocytes. DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the anti-body manufacturing method. Antibody forming cell and myeloma cell extracted from an animal which is immune to human medullasin is fused to form hybridoma which is cultured. Antibody is then extracted from the culture.

USE - The labeled antibody is fixed in an insoluble carrier. The sample

solid phase assay.

containing human medullasin is contacted with the carrier, when the human medullasin is caught on the carrier. The labeled complex is then assayed (claimed). For inflammatory diseases like multiple sclerosis.

ADVANTAGE - The immunological assay of human medullasin is carried out quickly and easily.

CHOSEN-DRAWING: Dwg.0/2

TITLE-TERMS:

ANTI HUMAN MONOCLONAL ANTI BODY SCLEROSIS PATIENT USEFUL
DIAGNOSE HUMAN BLOOD

DERWENT-CLASS: B04 D16 S03

CPI-CODES: B04-G06; B04-G21; B11-C07A; B12-K04A; B14-S01; D05-H11A1;
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CHEMICAL-CODES:

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Fragmentation Code

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SECONDARY-ACC-NO:

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Non-CPI Secondary Accession Numbers: N1999-291110